

Module 12

Configuring a Self-Service Multi-Tenant Cloud with the Windows Azure Pack

Module Overview

- Configuring the Windows Azure Pack

Lesson 1: Configuring the Windows Azure Pack

- Windows Azure Pack Overview
- Configuring VM Clouds
- Configuring Website Clouds
- Configuring SQL Clouds
- Configuring WAP Plans and Add-Ons

Windows Azure Pack Overview

Windows Azure Pack, is essentially a framework of components, which include:

- End User Portal
- Management Portal
- Management API
- Service Management API database

Configuring VM Clouds

To register VM Clouds in Windows Azure Pack you:

- Logon to the server hosting the WAP Portal for Administrators
- Open the Management Portal
- Click VM Clouds
- Click Register System Center Service Provider Foundation
- Enter the URL for the Service Provider Foundation Server
- Provide relevant credentials

Configuring Website Clouds

To register the Web Site Cloud REST Endpoint you:

- Logon to the server hosting the WAP Portal for Administrators
- Open the Management Portal
- Click Web Site Cloud
- Click Register you Web Site Cloud REST Endpoint
 - Add a name for the resource provider
 - Add the URL for the REST Endpoint
 - Add relevant credentials

Configuring SQL Clouds

To register the database Endpoint you:

- Logon to the server hosting the WAP Portal for Administrators
- Open the Management Portal
- Click SQL Servers then click New or Add
- Click Connect to
- Enter the following information
 - SQL Server instance
 - Group name
 - Server name
 - Administrator credentials
 - Hosting server size
- Click Connect

Configuring WAP Plans and Add-Ons

To create a plan for Windows Azure Pack Web Sites:

- Open the management portal for administrators
- Choose Plans in the left pane, and then click New.
- In the Author a Hosting Plan dialog, provide a name for the plan, and then click the right arrow.
- In the Plan Services dialog, select Web Site Cloud,
- Choose a web site cloud from the list on the right. (You can also choose other services at this point, but for Web Site hosting, you should choose at least one web site cloud.)
- In the Plan Add-Ons dialog, you have the option to include add-ons in your plan if you have made add-ons available.
- Click the checkmark to finish.

Lab: Configuring the Windows Azure Pack

- Exercise 1: Configuring the Windows Azure Pack

Logon Information

Virtual Machines: 20247D-LON-DC1,
20247D-LON-SQ1, 20247D-LON-VM1,
20247D-LON-OR1, 20247D-LON-WAP,
20247D-LON-WEB

User Name: Contoso\Administrator

Password: Pa\$\$w0rd

Estimated Time: 30 minutes

Lab Scenario

Contoso, Ltd has implemented all of the infrastructure components for a private cloud and would now like to add the multi-tenant self-service capabilities that are included in the Windows Azure Pack.

The Windows Azure Pack has already been installed but requires configuration to enable self-service cloud resource provisioning which includes VM Clouds, Website Clouds and SQL Server databases.

Lab Review

- How do you make hosting plans available to tenants in the Windows Azure Pack?

Module Review and Takeaways

- Review Question(s)
- Real-world Issues and Scenarios
- Tools

Course Evaluation

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